

ABSTRACT

The present invention is a comprehensive, flexible and extensible software technology used to easily create, implement and modify User Interfaces (UIs) and shells. The software tool includes a powerful design framework suitable for general purpose computing devices and ideal for mission-focused embedded devices. The software tools offers unlimited variations of navigational structure and appearance; an expansive choice of component commands with a simple scripting language; an ability to switch easily among multiple personalities on a single machine; and administrative control over permissions to password-protected commands. The shell functionality produced by the software includes application launching; file and task management; flexible control panels; power notifications; and shell application programming interfaces.